

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9501060210 DOC.DATE: 94/12/30 NOTARIZED: NO DOCKET #  
 FACIL:50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315  
 AUTH.NAME AUTHOR AFFILIATION  
 MOREY,D.O. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 BLIND,A.A. Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 94-012-00:on 941205,noted that vent stack particulate  
 filter gamma spectrum results for 941130 not available for  
 review.Caused by personnel error.Backup sample analyzed &  
 evaluated.W/941230 ltr.

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December 30, 1994

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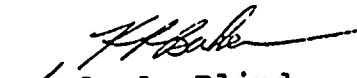
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Docket No. 50-315

Document Control Manager:

In accordance with the criteria established by  
10 CFR 50.73 entitled Licensee Event Report System, the  
following report is being submitted:

94-012-00

Sincerely,

  
A. A. Blind  
Plant Manager

/sb

Attachment

c: J. B. Martin, Region III  
E. E. Fitzpatrick  
P. A. Barrett  
R. F. Kroeger  
M. A. Bailey - Ft. Wayne  
NRC Resident Inspector  
J. B. Hickman - NRC  
J. R. Padgett  
G. Charnoff, Esq.  
D. Hahn  
INPO  
S. J. Brewer

9501060210 941230  
PDR ADOCK 05000315  
S PDR

*JE22*

## LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

D. C. Cook Nuclear Plant

DOCKET NUMBER (2)

05000 315

PAGE (3)

1 OF 3

TITLE (4)

Effluent Vent Stack Sample Not Analyzed Due to Personnel Error

EVENT DATE (5)			LER NUMBER (6)			REPORT NUMBER (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
11	30	94	94	-- 012 --	00	12	30	94	FACILITY NAME	DOCKET NUMBER
										05000
									FACILITY NAME	DOCKET NUMBER
										05000

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)				
POWER LEVEL (10)	100%	20.402(b)		20.405(c)	50.73(a)(2)(iv)	73.71(b)
		20.405(a)(1)(i)		50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
		20.405(a)(1)(ii)		50.36(c)(2)	50.73(a)(2)(vii)	OTHER
		20.405(a)(1)(iii)	X	50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	(Specify in Abstract below and in Text, NRC Form 366A)
		20.405(a)(1)(iv)		50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
		20.405(a)(1)(v)		50.73(a)(2)(iii)	50.73(a)(2)(x)	

## LICENSEE CONTACT FOR THIS LER (12)

NAME

D. O. Morey, Chemistry Superintendent

TELEPHONE NUMBER (include Area Code)

(616) 465-5901 x 2502

## COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS
									--

## SUPPLEMENTAL REPORT EXPECTED (14)

YES (if yes, complete EXPECTED SUBMISSION DATE)	X	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

## ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On December 5, 1994 during a review of Unit One gaseous radiological effluent data, it was noted that the vent stack particulate filter gamma spectrum results for November 30, 1994 were not available. Technical Specification 3/4.11.2, Table 4.11-2 requires these samples to be collected weekly and analyzed within 48 hours from sampling. The vent stack sample had been obtained in accordance with the required frequency, but destroyed prior to the required gamma analysis. The particulate filter from the backup monitor was analyzed at 120 hours after sampling. No particulate activity was detected in the backup sample. The iodine and gas samples analyzed for that time period showed no unusual radionuclide concentrations.

On December 12, 1994 it was determined that the event was reportable under 10 CFR 50.73(a)(2)(i)(B).

This event was due to personnel error. The Nuclear Test Schedule (NTS), a computer generated list of surveillances to be performed, was initialed indicating that the analysis had been completed. NTS is used as an administrative aid with surveillances being initialed or checked off as they are performed.

During the week of November 30, 1994 no abnormal operational activities occurred that would have caused an alteration in the normal radionuclide composition of the Unit One vent stack effluent, as was confirmed by the analysis of the backup sample. This event was determined not to be safety significant and did not represent a hazard to the health or safety of the public.



LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)  D. C. Cook Nuclear Plant	DOCKET NUMBER (2)  0   5   0   0   0   3   1   5	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9   4	—   0   1   2	—   0   0	0   2	OF	0   3

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Conditions Prior to Occurrence

Unit One in Mode 1, Unit Two in hot standby in Mode 3.

Description of Event

On December 5, 1994 during a review of the gaseous radiological effluent data, it was noted that the November 30, 1994, Unit One vent stack weekly particulate filter gamma spectrum results were not available for review. Following notification of Chemistry department supervision, a review of the NTS schedule identified that the weekly surveillance was checked off as performed by a Chemistry technician. A search of the gamma spectroscopy computer system files and the counting room log books failed to locate the sample results.

Since the administrative tracking system had been improperly updated, falsification of quality records was investigated and found to be non-existent. The individual updated the NTS in error and the quality record is the gamma spectrum, not NTS.

Technical Specification 3/4.11.2, Table 4.11-2 requires these samples to be analyzed within 48 hours of sampling. The Unit One vent stack backup sample was analyzed at 120 hours. The resulting spectral analysis detected no radionuclide activity. The iodine and gas samples pulled and analyzed at the required surveillance time showed normal activities.

Cause of Event

Previous similar events were reviewed to identify commonality in other root cause determinations with this event. Subsequently, this event was determined not to be related and is considered an isolated event. The cause of this event was personnel error when performing the NTS schedule update.

Analysis of Event

The event is being reported in accordance with 10 CFR 50.73 (a) (2) (i) (B) as operation prohibited by the plant's Technical Specifications. Technical Specification 3/4.11.2, Table 4.11-2 requires the Unit vent particulate filter samples to be collected weekly and analyzed within 48 hours. Although failure to analyze the sample within the 48 hour requirement is the violation of the Technical Specification surveillance requirements, current technology allows less stringent time limits. The sample counted at the 120 hour time had lower limits of detectability (LLD) results of 100 times more conservative than that required by the Technical Specification.

Administratively, the sampling program is set up to routinely retrieve backup samples in addition to the main sample. Analysis of the backup particulate sample detected no radionuclide activity. Occasionally, Cesium 137 is detected on the vent stack particulate filter at an average concentration of about  $2 \times 10^{-14}$  uCi/cc. Considering the half life of Cesium 137 over the 120 hour period from sampling to analysis, no significant concentration of radionuclide could be interpolated to exist on the particulate filter at the time of sampling. At no time was the health and safety of the general public in jeopardy due to this event.



LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

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FACILITY NAME (1)  D. C. Cook Nuclear Plant	DOCKET NUMBER (2)  0 5 0 0 0 3 1 5	LER NUMBER (6)			PAGE (3)		
		YEAR 9 4	SEQUENTIAL NUMBER 0 1 2	REVISION NUMBER 0 0			

TEXT (If more space is required, use additional NRC Form 365A's) (17)

Corrective Action

The backup sample was analyzed and evaluated. Since this event has been determined to be an isolated incident due to personnel error, no programmatic changes or additional barriers have been instituted.

Previous Similar Events

315/94-011  
316/93-010  
316/93-002  
315/92-013  
316/91-003

Failed Component Identification

None.

